

# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/919, 162C	
Source:	0165	
Date Processed by STIC:	5-7-03	

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<a href="http://www.uspto.gov/ebc/efs/downloads/documents.htm">http://www.uspto.gov/ebc/efs/downloads/documents.htm</a>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- Hand Carry directly to:
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
  - U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

#### Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 09/914, 162C	
ATTN: NEW RULES CASES	s: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SO	FTWARE
1Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	PARTIES TO ALL
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing.  Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.  Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	

AMC/MH - Biotechnology Systems Branch - 08/21/2001

## Does Not Comply Corrected Diskette Needed



OIPE

RAW SEQUENCE LISTING

DATE: 05/07/2003

PATENT APPLICATION: US/09/919,162C

TIME: 11:09:18

Input Set: N:\vernette\09919162C.RAW.txt Output Set: N:\CRF4\05072003\I919162C.raw

- 1 <110> APPLICANT: Renauld, Jean-Christophe
- Dumoutier, Laure
- 4 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Encode A Soluble IL-TIF/IL-22
  - Receptor or Binding
  - Protein Which Binds to IL-TIF/IL-22, And Uses Thereof
  - 8 <130> FILE REFERENCE: LUD 5684.2
  - 10 <140> CURRENT APPLICATION NUMBER: US 09/919,162C
- C--> 11 <141> CURRENT FILING DATE: 2001-07-31
  - 16 <150> PRIOR APPLICATION NUMBER: US 60/245,495
  - 17 <151> PRIOR FILING DATE: 2000-03-11
  - 19 <150> PRIOR APPLICATION NUMBER: US60/234,583
- W--> 20 <151> PRIOR FILING DATE: 2000-22-09
- 22 <160> NUMBER OF SEQ ID NOS: 11

#### ERRORED SEQUENCES

- 57 <210> SEQ ID NO: 5
- 58 <211> LENGTH: 2271
- 59 <212> TYPE: DNA
- 60 <213> ORGANISM: Homo sapiens
- 62 <400> SEQUENCE: 5
- 63 ctgccttaaa cccgggagtg attgtctgtt tgtggatttt acagtttcct ctttggtcct
- E--> 64 gagctggtta aaaggaacac tggttgcctg aacagtcaca cttgcaacca tgatgcctaa
- 65 (120) wrapped Lines, see Hen # 1 on ERROR Summary SHEET
- E--> 66 acattgettt ctaggettee teateagttt etteettaet ggtgtageag gaacteagte
  - 67 (180
- E--> 68 aacgcatgag tetetgaage etcagagggt acaattteag teeegaaatt tteacaacat 69
- E--> 70 tttgcaatgg cagcctggga gggcacttac tggcaacagc agtgtctatt ttgtgcagta 71
- E--> 72 caaaatatat ggacagagac aatggaaaaa taaagaagac tgttggggta ctcaagaact
- 73 B60 E--> 74 ctcttgtgac cttaccagtg aaacctcaga catacaggaa ccttattacg ggagggtgag
- 75
- 76 gecafecteg getgggaget acteagaatg gageatgaeg eegeggttea eteeetggtg
- E--> 77 ggaacaaaa atagateete cagteatgaa tataaceeaa gteaatgget etttgttggt
- E--> 79 apt(ctccat gctccaaatt taccatatag ataccaaaag gaaaaaaatg tatctataga (600)80
- E--> 81 agattactat gaactactat accgagtttt tataattaac aattcactag aaaaggagca 82 660)
- E--> 83 aaaggtttat gaaggggctc acagagcggt tgaaattgaa gctctaacac cacactccag

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,162C

DATE: 05/07/2003 TIME: 11:09:18

Input Set : N:\vernette\09919162C.RAW.txt
Output Set: N:\CRF4\05072003\1919162C.raw

- Same as page! 720) -84 E--> 85 ctactgtgta gtggctgaaa tatatcagcc catgttagac agaagaagtc agagaagtga 86 (780) E--> 87 àgagagatgt gtggaaattc catgacttgt ggaatttggc attcagcaat gtggaaattc 88 840 E--> 89 taaagctccc tgagaacagg atgactcgtg tttgaaggat cttatttaaa attgtttttg 900) E--> 91 tattttctta aagcaatatt cactgttaca ccttggggac ttctttgttt atccattctt 92 (960) E--> 93 ttatcottta tatttcattt gtaaactata tttgaacgac attccccccg aaaaattgaa 94 (1020*]* E--> 95 atgtaaagat gaggcagaga ataaagtgtt ctatgaaatt cagaacttta tttctgaatg 96/1080 E--> 97 taacatccct aataacaacc ttcattcttc taatacagca aaataaaaat ttaacaacca 98 (1140) E--> 99 aggaatagta tttaagaaaa tgttgaaata attttttaa aatagcatta cagactgagg 100 1200 E--> 101 cgqtcctgaa gcaatggttt ttcactctct tattgagcca attaaattga cattgctttg 102 E--> 103 asaatttaaa acttctataa aggtgaatat ttttcataca tttctatttt atatgaatat 104 A320 E--> 105 actttttata tatttattat tattaaatat ttctacttaa tgaatcaaaa ttttgtttta E--> 107 aagtctactt tatgtaaata agaacaggtt ttggggaaaa aaatcttatg atttctggat 108 (1440) E--> 109 tyatatotga attaaaacta toaacaacaa ggaagtotgo totgtacaat tgtocotoat 110 1500E--> 111 taaaagata tattaagctt ttcttttctg tttgtttttg ttttgtttag tttttaatcc 112 1560 E--> 113 tgtcttagaa gaacttatct ttattctcaa aattaaatgt aattttttta gtgacaaaga 1620) E--> 115 agaaaggaaa cctcattact caatccttct ggccaagagt gtcttgcttg tggcgccttc (1680) 116 E--> 117 ct<u>eat</u>ctcta tataggagga teecatgaat gatggtttat tggggaactge tggggtegae 118 1740 E--> 119 cccatacaga gaactcagct tgaagctgga agcacacagt gggtagcagg agaaggaccg 120 **(1**800) E--> 121 gtgttggtag gtgcctacag agactataga gctagacaaa gccctccaaa ctggcccctc 122 ( 1860 E--> 123 ctgctcactg cctctcctga gtagaaatct ggtgacctaa ggctcagtgt ggtcaacaga 124 (1920)
E--> 125 aagetgcctt cttcacttga ggctaagtct tcatatatgt ttaaggttgt ctttctagtg 126 (1980) E--> 127 aggagataca tatcagagaa catttgtaca attccccatg aaaattgctc caaagttgat 128 (2040) E--> 129 aacaatatag toggtgotto tagttatatg caagtactca gtgataaatg gattaaaaaa 130 2100 131 tattcagaaa tgtattgggg ggtggaggag aataagaggc agagcaagag ctagagaatt E--> 132 ggtttccttg cttccctgta tgctcagaaa acattgattt gagcatagac gcagagactg

RAW SEQUENCE LISTING DATE: 05/07/2003 PATENT APPLICATION: US/09/919,162C TIME: 11:09:18

Input Set : N:\vernette\09919162C.RAW.txt
Output Set: N:\CRF4\05072003\I919162C.raw

133 (2220) - Same as page 1 E--> 134 aaaaaaaaat ttactttgat ctctgttttt gaattcttat tatttatattt 135 2271 137 <210> SEQ ID NO: 6 138 <211> LENGTH: 231 139 <212> TYPE: PRT · 140 <213> ORGANISM: Homo sapiens 142 <400> SEQUENCE: 6 143 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu E--> 144
E--> 145 (15) - mischished Amino Azid Numbering: See Hm # 3 on Error Sunnay
146 Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln Sheet. E--> 144 E--> 147 E--> 148 30 149 Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln E--> 150 E--> 151 45 152 Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr 60 154 Lys Ile Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly E--> 155 65 75 E--> 156 80 157 Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln E--> 158 E--> 159 95 160 Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser E--> 161 100 E--> 162 110 163 Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile 115 125 165 Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val E--> 166 130 140 167 Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn E--> 168 145 E--> 169 160 170 Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile E--> 172 175 173 Asn Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg E--> 174 180 E--> 175 190 176 Ala Val Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val E--> 177 195 205 178 Ala Glu Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu E--> 179 210 215 220 180 Glu Arg Cys Val Glu Ile Pro E--> 181 225 230 210 <210> SEQ ID NO: 10 211 <211> LENGTH: 2366

RAW SEQUENCE LISTING DATE: 05/07/2003 PATENT APPLICATION: US/09/919,162C TIME: 11:09:18

Input Set : N:\vernette\09919162C.RAW.txt
Output Set: N:\CRF4\05072003\I919162C.raw

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DATE: 05/07/2003

TIME: 11:09:18

### RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/919,162C

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Output Set: N:\CRF4\05072003\I919162C.raw

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E/	265   1560	
E>	266 caacaaggaa gtctgctctg tacaattgtc cctcatttaa aagatatatt aagcttttct	
	267   162/0	
E>	268 tttctgtttg tttttgtttt gtttagtttt taatcctgtc ttagaagaac ttatctttat	
E>	269   1680 270   tctcaaaatt aaatgtaatt tttttagtga caaagaagaa aggaaacctc attactcaat	
	271   1740	
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	273   1800	
E>	274/atgaatgatg gtttattggg aactgetggg gtegaeeeea tacagagaae teagettgaa 275/ 1860	
	276 gctggaagca cacagtgggt agcaggagaa ggaccggtgt tggtaggtgc ctacagagac 1920	
E>	277 tatagageta gacaaageee tecaaactgg ceceteetge teactgeete teetgagtag	
	278 1980	
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E>	281 aagtetteat atatgtttaa ggttgtettt etagtgagga gatacatate agagaacatt	
	282 2100	
E>	283 tgtacaattc cccatgaaaa ttgctccaaa gttgataaca atatagtcgg tgcttctagt	
F>	28# 2160   28\$ tatatgcaag tactcagtga taaatggatt aaaaaatatt cagaaatgta ttggggggtg	
	286 2220	
E>	287 gaggagaata agaggcagag caagagctag agaattggtt teettgette eetgtatget	
	788 7780 T	
E>	288 2280   289 cagaaaacat tgatttgage atagaegeag agaetgaaaa aaaaatttae tttgatetet	
E>	288 2280   289 cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaatttac tttgatctct 290 2340	
	289 cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaatttac tttgatctct 290 2340 291 gtttttgaat tcttattatt tatattt 2366	
	289 cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaatttac tttgatctct 290 2340 291 gtttttgaat tcttattatt tatattt 2366 293 <210> SEQ ID NO: 11	
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E> W>	cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaatttac tttgatctct 2340  291 gttttgaat tcttattatt tatattt 2366  293 <210 > SEQ ID NO: 11  294 (21) TYPE: 263  295 <212 > TYPE: PRT  296 <213 > ORGANISM: Homo sapiens  298 <201 > LENGTH:  298 <400 > SEQUENCE: 11  300 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu  301	0
E> W>	cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaatttac tttgatctct 2340  291 gttttgaat tcttattatt tatattt 2366 293 <210> SEQ ID NO: 11 294 (21)> TYPE: 263 295 <212> TYPE: PRT 296 <213> ORGANISM: Homo sapiens 298 <211> LENGTH: 298 <400> SEQUENCE: 11 300 Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu 301 5 303 Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln 304 20 25 305 306 Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln 307 35 40 308 45 309 Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr	0

RAW SEQUENCE LISTING DATE: 05/07/2003 PATENT APPLICATION: US/09/919,162C TIME: 11:09:18

Input Set : N:\vernette\09919162C.RAW.txt
Output Set: N:\CRF4\05072003\I919162C.raw

313 80 314 Asp Ala Trp Gln His Ile Ser Cys Asn Phe Pro Gly Cys Arg Thr Leu 315 316 95 317 Ala Lys Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly 318 319 110 320 Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln 115 125 322 Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser 140 324 Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile 325 145 150 326 160 327 Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val 165 329 175 330 Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn 331 180 332 190 333 Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile Asn 205 335 Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg Ala Val 336 210 337 225 338 Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val Ala Glu 339 230 340 240 341 Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu Glu Arg 255 343 Cys Val Glu Ile Pro 344 \_\_\_260 345 LUD 5684.2 Sequences.doc -6-

remove extra material at end of file.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/07/2003 PATENT APPLICATION: US/09/919,162C TIME: 11:09:19

Input Set : N:\vernette\09919162C.RAW.txt
Output Set: N:\CRF4\05072003\I919162C.raw

#### Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 144,147,150,153,155,158,161,164,166,168,171,174,179 Seq#:11; Line(s) 301,304,312,315,318,321,323,325,328,331,334,336,339,342

#### VERIFICATION SUMMARY

PATENT APPLICATION: US/09/919,162C TIME: 11:09:19

DATE: 05/07/2003

Input Set : N:\vernette\09919162C.RAW.txt
Output Set: N:\CRF4\05072003\I919162C.raw

- L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
- L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
- L:64 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:120 SEQ:5
- M:254 Repeated in SeqNo=5
- L:144 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
- M:332 Repeated in SeqNo=6
- L:217 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:120 SEQ:10
- M:254 Repeated in SeqNo=10
- L:291 M:252 E: No. of Seq. differs, <211> LENGTH:Input:2366 Found:2367 SEQ:10
- L:295 M:280 W: Numeric Identifier already exists, Type not replaced.
- L:298 M:282 E: Numeric Field Identifier Missing, <211> is required.
- L:298 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: